

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the above-referenced application.

### **Listing of Claims:**

1. (Currently amended) A mobile communication terminal, comprising:

image shooting means for shooting an image;

image data memory means for storing data of a code image shot by said image shooting means;

image data analyzing means for analyzing the data of the code image to obtain code data from the code image;

control means for controlling at least one of: said image shooting means, said image data analyzing means and said image data memory means; and

application program executing means for executing an application program using the code data,

wherein said control means controls the at least one of: said image shooting means, said image data analyzing means and said image data memory means based on a control request instruction sent from said application program executing means that is executing the application program, wherein the control request instruction corresponds to the code data,

and wherein execution of the application program by the application program executing means is placed in a blocked state upon the sending of the control request instruction, the blocked state being cancelled and execution of the application program resumed upon receipt of a notification from the control means.

2. (Previously presented) The mobile communication terminal according to claim 1, further comprising:

analysis data memory means for storing data of an analysis result obtained from said image data analyzing means,

wherein said control means can control said image data analyzing means and said analysis data memory means along with said image shooting means and said image data memory means, based on the control request instruction.

3. (Previously presented) The mobile communication terminal according to claim 1, wherein said control means includes plural types of reading control modes used when the code image is shot and data analysis is performed, and selects, based on the control request instruction, a reading control mode from the plural types of reading control modes and performs the control based on the selected reading control mode.

4. (Previously presented) The mobile communication terminal according to claim 2, wherein said analysis data memory means stores data of a plurality of analysis results, and said control means performs the control so that data of the analysis results is read from said analysis data memory means and the data is passed to said application program executing means, based on the control request instruction.

5. (Previously presented) The mobile communication terminal according to claim 1, wherein

said image data analyzing means has plural types of code recognition processing functions for data analysis of a code image, and performs data analysis on the code image using a code recognition processing function selected from the plural types of code recognition processing functions, and

said control means performs the control so that the code recognition processing function is selected based on the control request instruction.

6. (Previously presented) The mobile communication terminal according to claim 1, wherein

the code image has an image portion in which use permission/non-permission information is coded, the information specifying whether to permit a use of the data of the analysis result in the application program, and

said control means determines whether to pass the data of the analysis result to said application program executing means, based on the use permission/non-permission information contained in the data of the analysis result.

7. (Previously presented) The mobile communication terminal according to claim 1, wherein said control means performs the control so that a plurality of code images are shot and stored, the images each having an image portion that includes binary data coded for at least one of an image file, a sound file, and a program file, and then data of a plurality of analysis results composed of the binary data obtained by analyzing data of each code image is passed to said application program executing means.

8. (Currently amended) A mobile communication terminal, comprising:

an imaging device that obtains a code image;

a memory coupled to the imaging device that stores the code image;

an analyzer coupled to the memory that analyzes the code image and obtains code data from the code image;

a processor coupled to the analyzer that executes an application program, wherein the processor executes the application program using the code data; and

a controller coupled to at least one of: the imaging device, the memory and the analyzer, wherein the controller controls the at least one of: the imaging device, the memory and the analyzer according to information received from the application program, wherein the information corresponds to the code data, and wherein execution of the application program by the processor is placed in a blocked state upon sending the information from the application program, the blocked state being cancelled and execution of the application program resumed upon receipt of a notification from the controller.

9. (Previously presented) The mobile communication terminal according to claim 8, wherein the application program is stored in the memory.

10. (Previously presented) The mobile communication terminal according to claim 8, wherein the code image is analyzed by the analyzer according to information provided to the analyzer by the application program.

11. (Previously presented) The mobile communication terminal according to claim 8, further comprising:

a display that displays information received from the application program corresponding to the code data.

12. (Previously presented) The mobile communication terminal according to claim 8, further comprising:

a communication device, wherein the communication device provides communication between the mobile communication terminal and a mobile phone network.

13. (Currently amended) The mobile communication terminal according claim 8, wherein the code data includes permission/non-permission information ~~indicating~~ specifying a permitted/non-permitted use of the code data by the application program.

14. (Previously presented) The mobile communication terminal according to claim 13, wherein the application program is provided to the mobile telecommunications terminal via the mobile phone network using the communication device.

15. (Previously presented) The mobile communication terminal according to claim 8, wherein the controller performs a plurality of code images to be obtained and stored, wherein each code image includes an image portion that includes code data for at least one of: an image file, a sound file, and a program file.

16. (Currently amended) A method of operating a mobile communication terminal, comprising:  
obtaining a code image using an imaging device of the mobile communication terminal;  
storing the code image in a memory of the mobile communication terminal;  
analyzing the code image to obtain code data from the code image;  
executing an application program using the code data obtained from the code image;  
and

controlling at least one of: the obtaining of the code image, the storing of the code image and the analyzing of the code image according to information from the application program, wherein the information corresponds to the code data, and wherein execution of the application program is placed in a blocked state upon sending the information from the application program, the blocked state being cancelled and execution of the application program resumed upon receipt of a notification.

17. (Previously presented) The method according to claim 16, further comprising:

selecting a control mode based on the information sent from the application program, wherein the control mode is selected from a plurality of types of control modes that correspond to at least one of: the obtaining of the code image, the storing of the code image and the analyzing of the code image.

18. (Previously presented) The method according to claim 16, wherein the code image is analyzed according to information provided by the application program.
19. (Currently amended) The method according claim 16, wherein the code data includes permission/non-permission information ~~indicating~~ specifying a permitted/non-permitted use of the code data by the application program.
20. (Previously presented) The method according to claim 16, wherein controlling at least one of: the obtaining of the code image, the storing of the code image and the analyzing of the code image includes obtaining and storing a plurality of code images, wherein each code image includes an image portion that includes code data for at least one of: an image file, a sound file, and a program file.
21. (New) The mobile communication terminal according to claim 1, wherein the notification includes at least one of: analysis result data and error information.
22. (New) The mobile communication terminal according to claim 8, wherein the notification includes at least one of: analysis result data and error information.
23. (New) The method according to claim 16, wherein the notification includes at least one of: analysis result data and error information.

24. (New) A mobile communication terminal, comprising:

an imaging device that obtains a code image;

a memory coupled to the imaging device that stores the code image;

an analyzer coupled to the memory that analyzes the code image and obtains code data from the code image;

a processor coupled to the analyzer that executes an application program, wherein the processor executes the application program using the code data; and

a controller coupled to at least one of: the imaging device, the memory and the analyzer, wherein the controller controls the at least one of: the imaging device, the memory and the analyzer according to an instruction received from the application program, wherein the instruction corresponds to the code data, and wherein the code data includes permission/non-permission information that specifies a permitted/non-permitted use of the code data by the application program.



25. (New) A method of operating a mobile communication terminal, comprising:

obtaining a code image using an imaging device of the mobile communication terminal;

storing the code image in a memory of the mobile communication terminal;

analyzing the code image to obtain code data from the code image;

executing an application program using the code data obtained from the code image;

and

controlling at least one of: the obtaining of the code image, the storing of the code image and the analyzing of the code image according to an instruction from the application program, wherein the instruction corresponds to the code data, and wherein the code data includes permission/non-permission information that specifies a permitted/non-permitted use of the code data by the application program.